

The amendments  
are not entered.

M.H.

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV534443050US, on the date shown below in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: October 30, 2006

Signature: Lori Sims

(Lori Sims)

Docket No.: 495812005700  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Application of:  
Mark R. AYRES

Confirmation No.: 8922

Art Unit: 2878

Application No.: 10/800,111

Examiner: K. Wyatt

Filed: March 12, 2004

For: METHODS FOR MEASURING OPTICAL  
CHARACTERISTICS BY DIFFERENTIAL  
DIFFRACTIVE SCANNING

AFTER FINAL  
EXPEDITED PROCEDURE

**AMENDMENT AFTER FINAL ACTION UNDER 37 C.F.R. 1.116**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

This is in response to the final Office Action dated September 13, 2006 (Paper No. 20060831), for which a response is due on December 13, 2006. This response is filed within two months of the issuance of the final Office Action and therefore qualifies for expedited review. Accordingly, this response is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.